

CLAIMS

1. A system of mobile radio telecommunications comprising a core network, a UTRAN network and a plurality of user equipment devices, said  
5 UTRAN network comprising radio network controllers, each controlling one or more coverage areas called cells in which the user equipment devices move about, each user equipment device being capable of working selectively in two modes of operation, a connected mode in which resources of the system are assigned to the setting up of a connection with the user  
10 equipment device and an idle mode wherein, following a temporary interruption in operation of a radio network controller of the UTRAN network and a reinitialization of this radio network controller, the UTRAN network sends a piece of information to the cells controlled by the reinitialized radio network controller or by its neighbouring radio network  
15 controllers, this piece of information prompting the user equipment devices that are in these cells to make their presence known to the UTRAN network, and in that said user equipment devices in connected mode are capable of processing said piece of information.

20 2. The system according to Claim 1, wherein said information is transmitted through a broadcast channel.

25 3. The system according to Claim 2, wherein the transmitted information is a modified value,  $T_{\text{new}}$ , of the periodic cell update or the periodic URA update timer broadcast by the broadcast channel.

4. The system according to Claim 3, wherein each user equipment device makes its presence known to the UTRAN network at the end of a random period of time  $t_{\text{update}}$  smaller than  $T_{\text{new}}$ .

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5. The system according to Claim 2, wherein the transmitted information consists of a flag indicating that one of the radio network controllers of the UTRAN network has been reinitialized and a maximum time value  $t_{\text{max}}$  assigned to the user equipment devices to make their presence known to the UTRAN network.

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6. The system according to Claim 5, wherein each user equipment device makes its presence known to the UTRAN network at the end of a random period of time  $t_{\text{update}}$  smaller than  $t_{\text{max}}$ .

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7. The system according to Claim 5, wherein the flag comprises the identity RNC-ID of the radio network controller whose operation has been reinitialized and in that only the user equipment devices for which the UTRAN radio network temporary identity contains the identity RNC-ID make their presence known to the UTRAN network.

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